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(54) Title: TAGGING AND RECOVERY OF ELEMENTS ASSOCIATED WITH TARGET MOLECULES

(57) Abstract: The invention provides a method for identifying elements associated with a target molecule comprising the steps of: (a) providing a probe capable of binding by specific molecular interaction to a predetermined specifically defined region of a target molecule, the probe associated with or capable of recruiting an enzyme; (b) adding a tag capable of being activated by the enzyme such that it can attach to elements in the vicinity of the enzyme; and (c) isolating elements having the tag attached thereto, wherein the defined region occurs once, twice, or in a low number of copies in the target molecule. Preferably the tag can attach only to elements in the vicinity of the enzyme.

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